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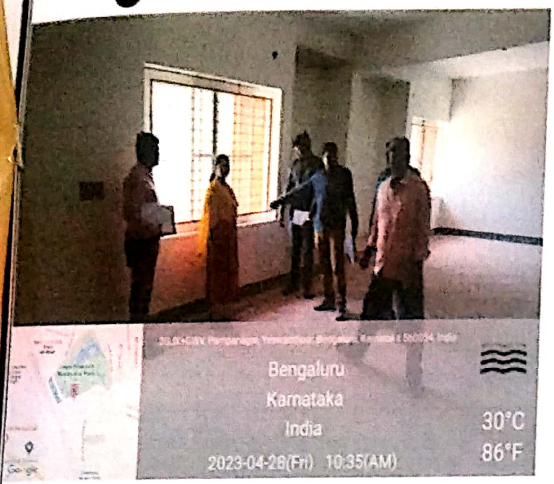

PROPOSED CONSTRUCTION OF RAJARAJESHWARI SCHOOL BUILDING

A Brief
On
Quality Assurance Tests
Conducted by the BBMP
28/04/2023

Ess Ess Builders and Consultants Pvt. Ltd. Dt. BANGALORE

ESS ESS BUILDERS
NAGARBHAVI MAIN ROAD
OPPESITE MARUTHI NAGAR BUS STOP
BENGALURU 560072

AE/JE (P) R.R.N

Assistant Executive Engr
R.R. Nagar Project Sub-Divn
Bruhat Bengaluru Mahanagara Palike

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Preamble

The conversation of Sri Kempegowda s 16th Century "Garden City" Bangalore to today's "Silicon valley" has been rapid. The City has grown from 21 Sq km. In 1897 to 800 Sqkm. In 2007. The Capital of Karnataka, Bengaluru, the fifth largest city in the country, is the perfect blend of natural beauty and man – made marvels of architecture and technology. The City is the second fastest growing city in the world after Mexico City and the fastest growing city in Asia. Bengaluru is growing at a rate, which is significantly higher than that of others. Due to the Growth in Economic Activities, the City is attracting migrants. To serve this Influx of population, Residential layouts are being developed. But adequate Infrastructure Facilities such as Schools, Hospitals, building's, etc. to match this demand are conspicuously absent. The additional demand is to be catered.

The Estimated Population of BBMP S 198 Wards as per the 2011 Census is 84.74 lakh, up from 45.92 Lakh in 2001 and 24.75 lakh in 1981. The extent of developed area has been also increased considerably; in 1971the area was 174.7 Sqkm. And today it is about 800Sqkm. Designers interpreting these guidelines are to understand that changes to technology and policy may outpace the content of these guidelines.

General

Maintenance of the university's facilities is funded from its recurrent resources and normally bears little relation to the capital programmer. It is therefore imperative to ensure that all facilities are constructed bearing in mind life-cycle costs and maintainability.

Designs will be rejected which make inadequate provision for:

- Servicing and maintenance.
- Easy removal and replacement of plant and equipment.
- Access.
- Durability.
- Those which opt for minimizing capital cost at the expense of on-going maintenance.

Operating and Maintenance Manuals

Shall be provided prior to practical completition for every building project and is to address all finishes and services. These manuals shall include but not be limited to:

- Colour Schedules;
- Operating instructions and technical schedules.
- Maintenance instructions.
- Supplier information
- Copies of all as-installs drawings in electronic format.

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The constructions site is located JP Park, Rajarajeswari Nagar Ward no 17

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Location

The Key Plan of the Project Junction (Excerpted From Goggle Map) Is Given Below

Key Plan

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1. Salient Features of the Project

a) General:

Name of the project	PROPOSED CONSTRUCTION OF RAJARAJESHWARI SCHOOL (KALPANA ROAD) BUILDING IN WARD NO.17 J.P.PARK, BANGALORE
Amount Put to tender	Rs. 10,00,00,000/- crore
Client	Bruhat bengaluru mahanagra Palike (BBMP)
Contractor	M/S M R Infra, No.123/30, 4th Floor, 1st Main Road, Rajajinagar Industrial Town, Bangalore-10.
Project management consultants (PMC)	ESS ESS BUILDERS
Type of Contract	Lump sum variation no fixed price
Work order number	EE(P)/RRN/AG/28/21-22 Date:12.11.2021
Project duration	12 months
Scheduled completion date	

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2. **Progress achieved at site till date:**

- **Physical Progress:** 98%

Finical Progress: For their activates as mentioned in above completed at site, an amount of Rs. 10, 00, 00,000/- Crore up to RA bill 3 payment is paid by BBMP Thus, the Finical progress achieved is 0.00%

3. **Quality Assurance Tests**

The Quality Assurance Division, BBMP inspected the site on **28 - 04 - 2023** and various components of Building Structure Constructed at Site. The Abstract of the test readings noted at site is tabulated below.

CRACK METHOD

SLNO	TYPE OF COMPONENT	CRACK LENGTH	TOTAL LENGTH	FACTOR	CFM
		DOOR			
1	D2	3.1	3.1	0.5	1.55
2	D3	3.1	3.1	0.5	1.55
				TOTAL CFM	**3.1**
		WINDOW			
3	W	3.5	3.5	0.37	1.295
4	W1	3.3	3.3	0.37	1.221
5	W2	2.7	2.7	0.37	0.999
				TOTAL CFM	**3.515**

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4. Photographs depicting the test activates carried out at site:

The photographs depicting the test activates carried out at site by the quality assurance division, BBMP.

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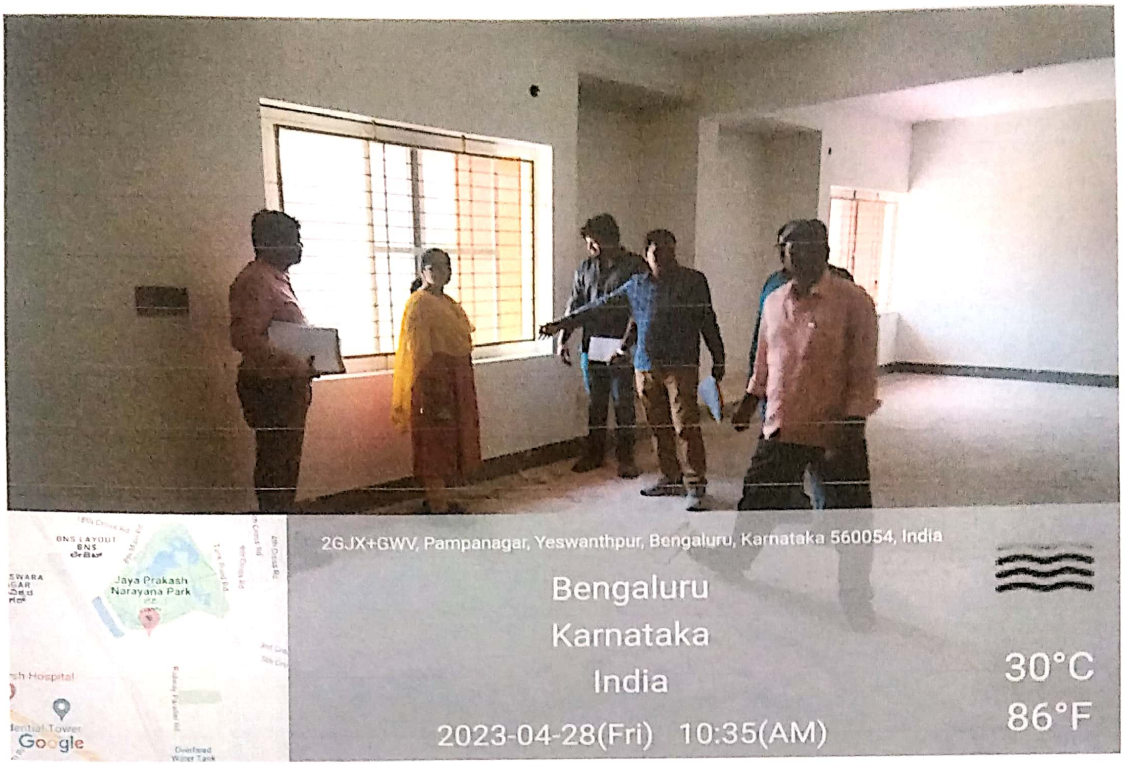

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